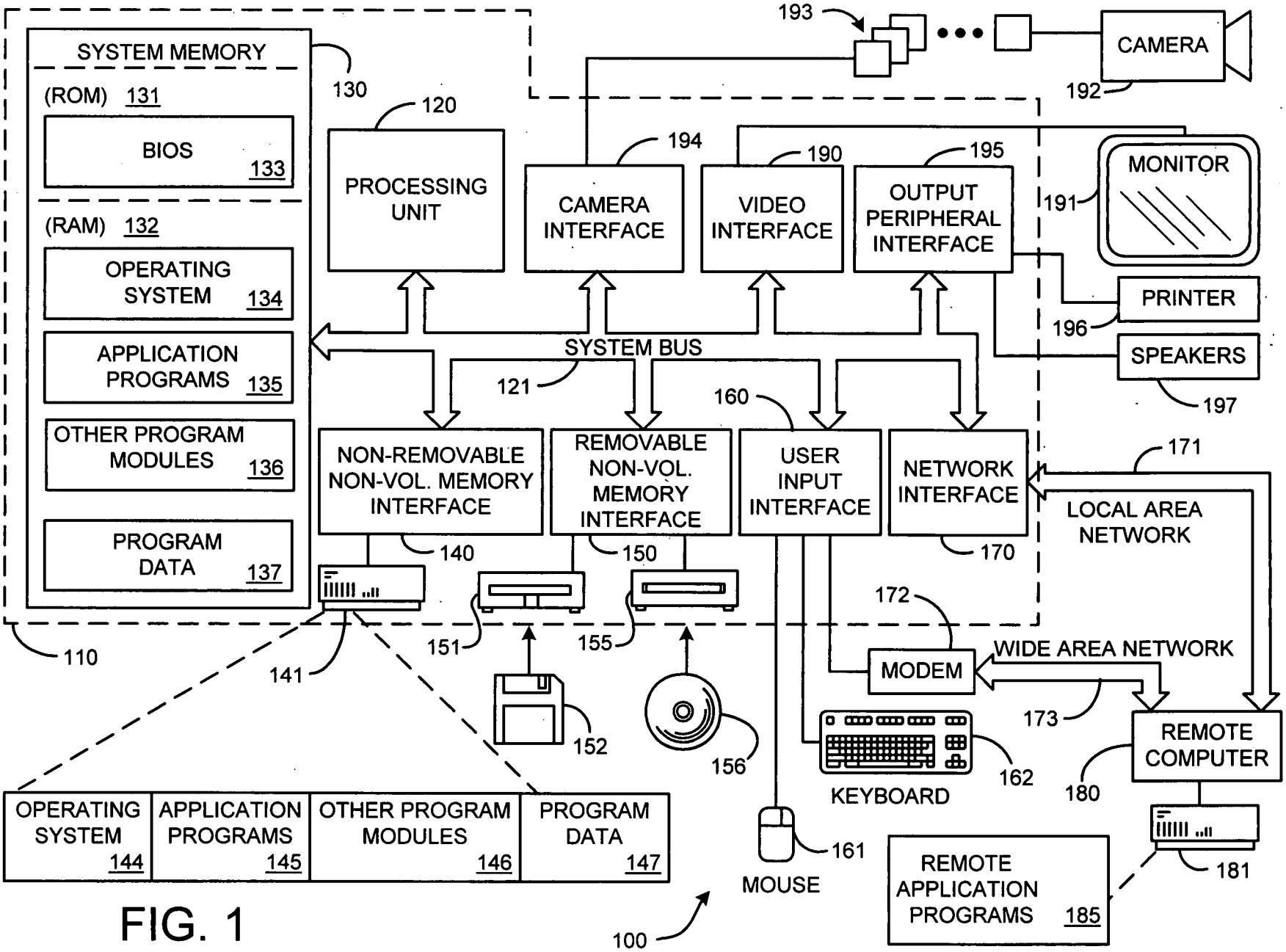

FIG. 1

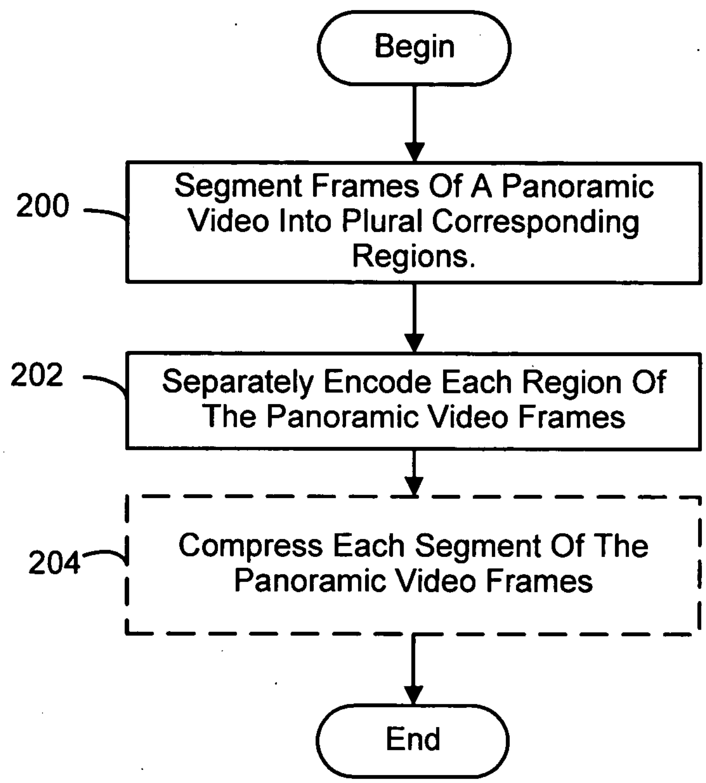
Begin
200
Segment Frames Of A Panoramic Video Into Plural Corresponding Regions.
202
Separately Encode Each Region Of The Panoramic Video Frames
204
Compress Each Segment Of The Panoramic Video Frames
End

FIG. 2

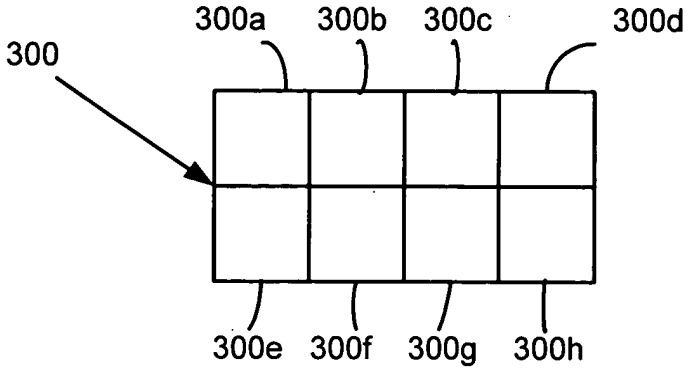
300
300a
300b
300c
300d
300e
300f
300g
300h

FIG. 3A

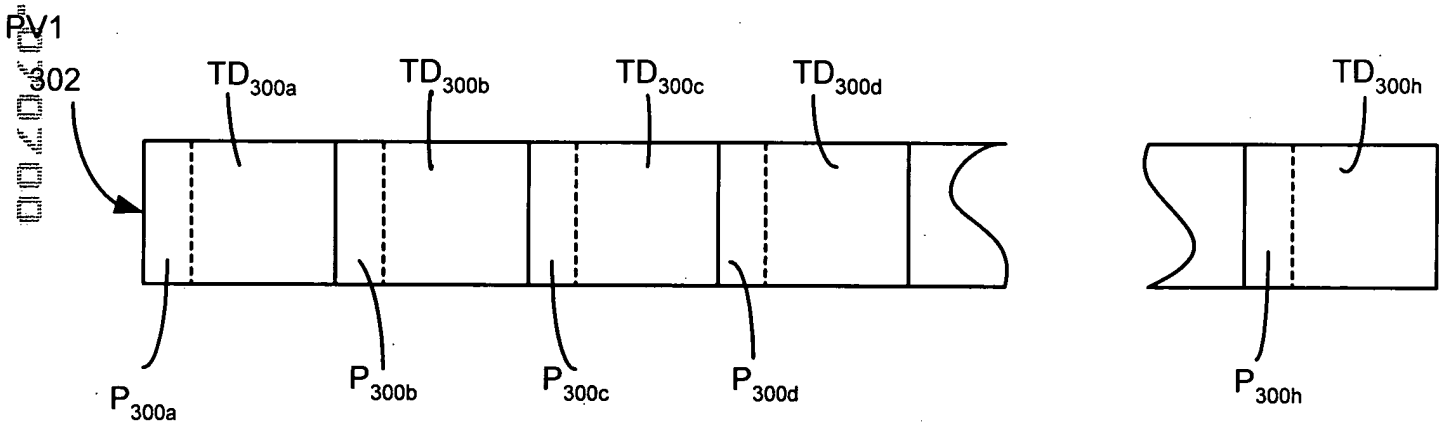
PV1
302
TD300a
TD300b
TD300c
TD300d
TD300h
P300a
P300b
P300c
P300d
P300h

FIG. 3B

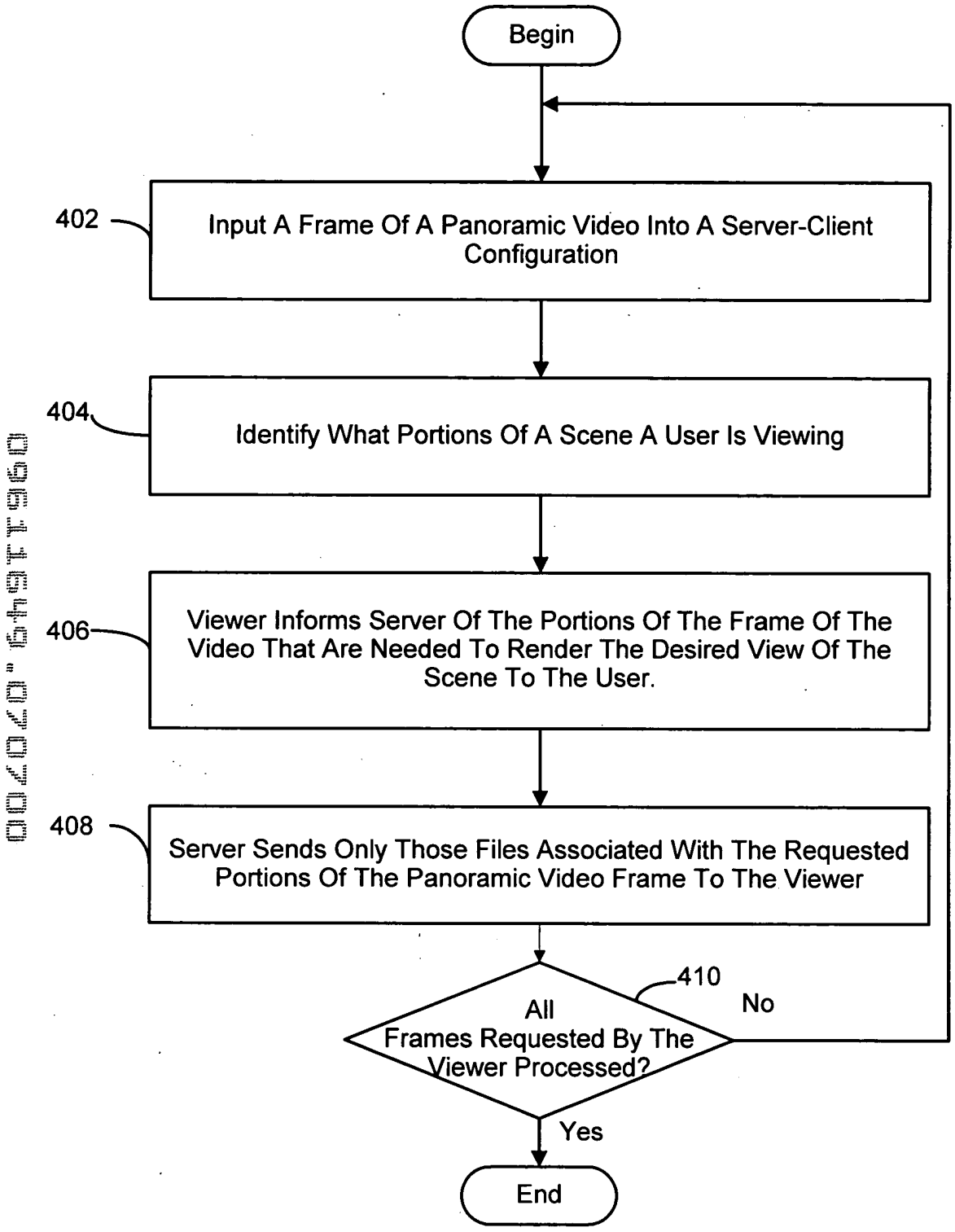
Begin
402
Input A Frame Of A Panoramic Video Into A Server-Client Configuration
404
Identify What Portions Of A Scene A User Is Viewing
406
Viewer Informs Server Of The Portions Of The Frame Of The Video That Are Needed To Render The Desired View Of The Scene To The User.
408
Server Sends Only Those Files Associated With The Requested Portions Of The Panoramic Video Frame To The Viewer
410
All Frames Requested By The Viewer Processed?
No
Yes
End

FIG. 4

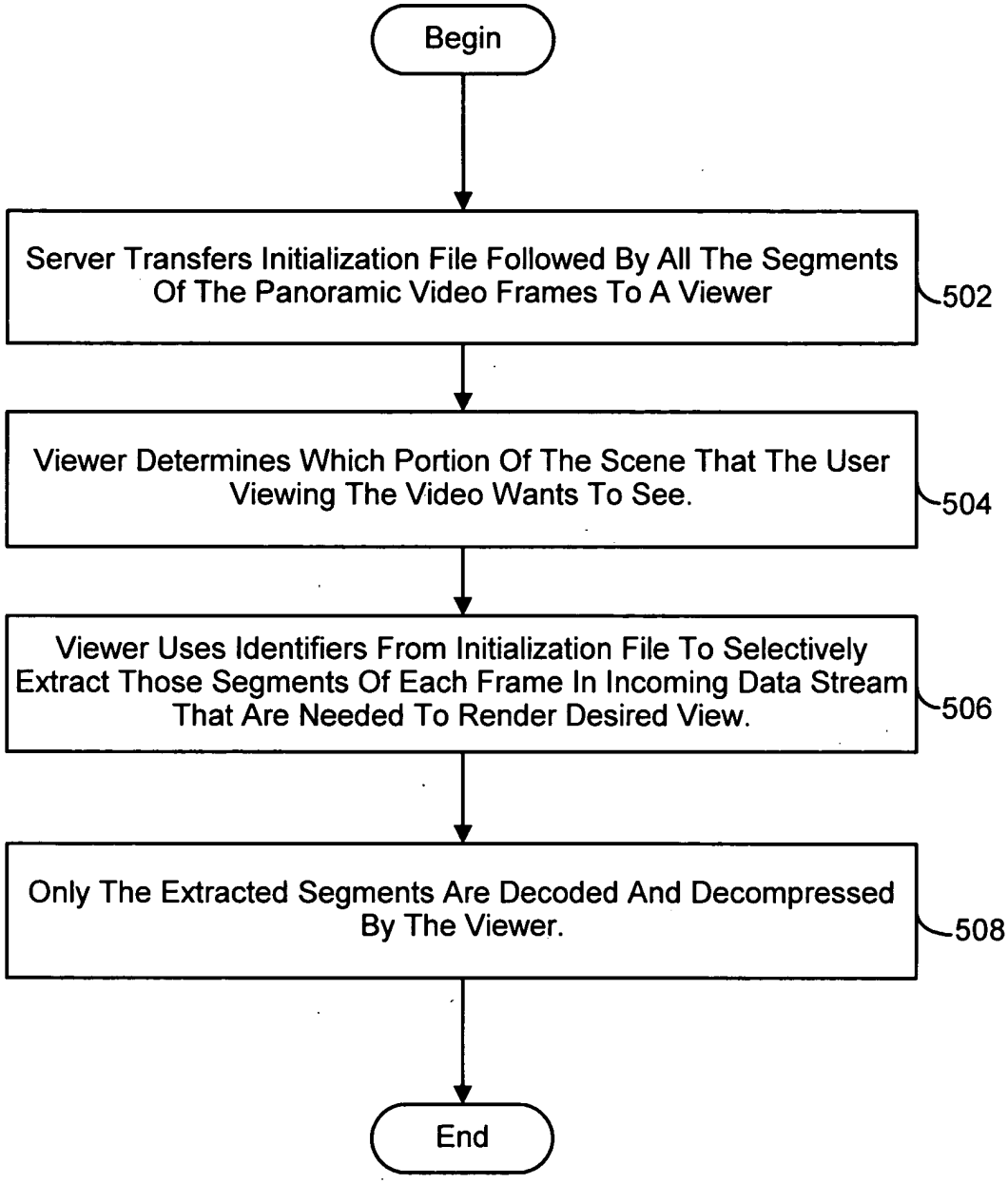

FIG. 5

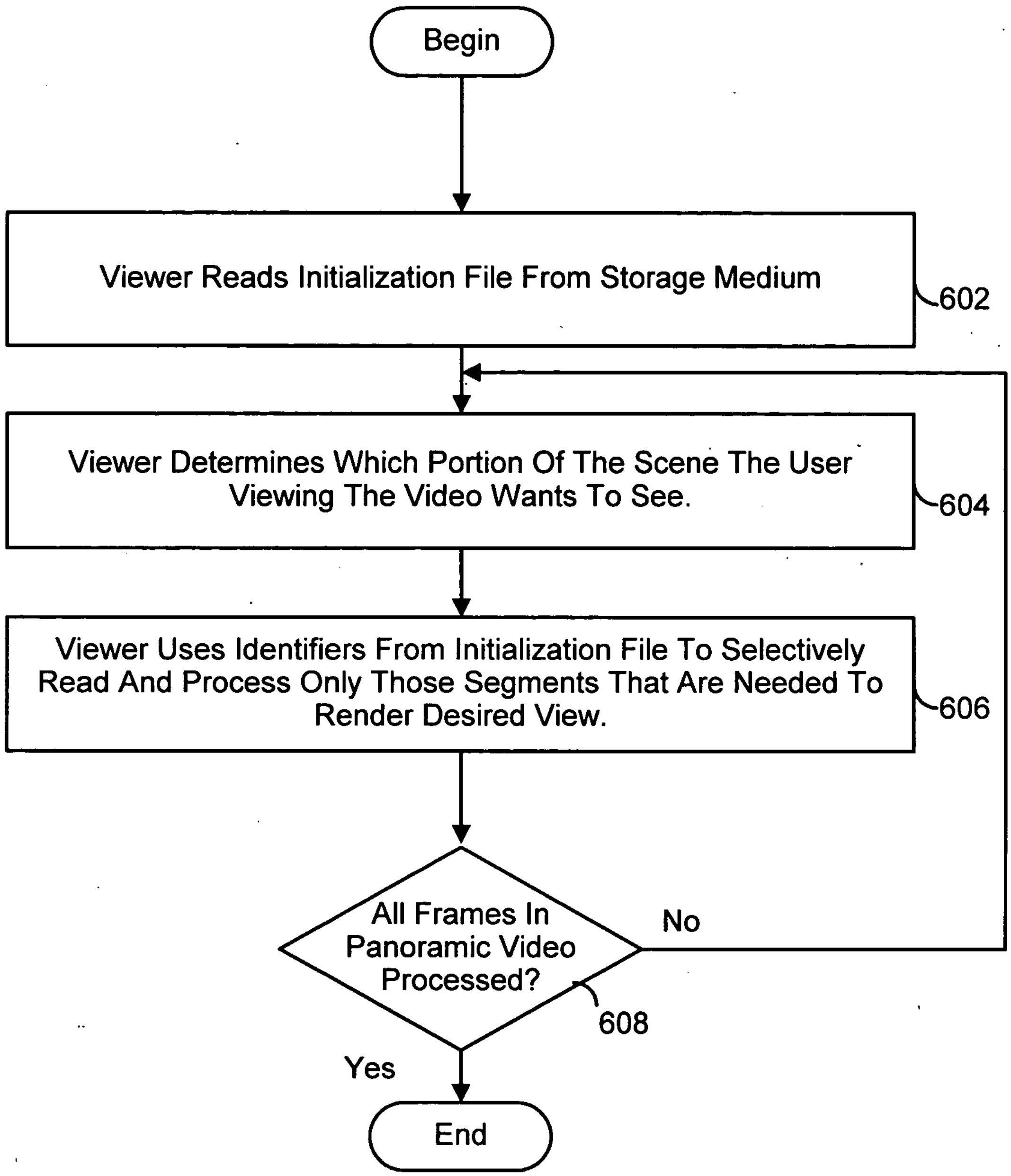
Begin
Viewer Reads Initialization File From Storage Medium
602
Viewer Determines Which Portion Of The Scene The User Viewing The Video Wants To See.
604
Viewer Uses Identifiers From Initialization File To Selectively Read And Process Only Those Segments That Are Needed To Render Desired View.
606
All Frames In Panoramic Video Processed?
No
608
Yes
End

FIG. 6